

Preliminary Amendment

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Applicant(s): Albert Everaerts et al.

Serial No.: 09/697,005

Filed: 25 October 2000

For: LATENT, OVER-TACKIFIED, ADHESIVES AND METHODS OF USE

A 1
and cling to the web. The powder-coated substrate can then be run through a heated zone or nip to fuse the particles. In the electrostatic spray process the powdered material is dispersed in an air stream and passed through a corona discharge field where the particles acquire an electrostatic charge. The charged particles are attracted to and deposited on the grounded substrate. The substrate, usually electrostatically coated at room temperature, is then placed in an oven where the powder melts and forms a coating. *See for example*, Kirk-Othmer Encyclopedia of Chemical Technology, 4th Edition, Wiley: 1993, Vol. 8, pages 635-636. --

Please replace the paragraph beginning at page 13, line 13, with the following rewritten paragraph. Per 37 C.F.R. §1.121, this paragraph is also shown in Appendix A with notations to indicate the changes made.

A 2
-- Methods of imagewise forming latent, over-tackified, adhesives are described in Applicant's Assignee's copending application U.S. Serial No. 09/697,008, filed on even date herewith, entitled "Imagewise Printing of Adhesives and Limited Coalescence Polymerization Method" (Attorney Docket No. 55695 USA 8A). --

Please replace the paragraph beginning at page 16, line 26, with the following rewritten paragraph. Per 37 C.F.R. §1.121, this paragraph is also shown in Appendix A with notations to indicate the changes made.

A 3
-- Any conventional technique can be used to apply the plasticizer to the latent, over-tackified, adhesive, whether it be before, during, or after deposition of the latent adhesive on a substrate. For example, a plasticizer can be applied in solid or liquid form. It can be optionally encapsulated, It can be applied in an imagewise fashion using the same or similar techniques as used to imagewise print a latent adhesive toner described in Applicant's Assignee's copending application U.S. Serial No. 09/697,008, filed on even date herewith, entitled "Imagewise Printing of Adhesives and Limited Coalescence Polymerization Method" (Attorney Docket No. 55695 USA 8A). If a liquid plasticizing agent is used, it can be applied by means of spray, flood, brush,

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roll, spread, wire, gravure, transfer roll, air knife, curtain, doctor blade coating, or other liquid delivery techniques (such as ink jet) to the areas of the latent, over-tackified, adhesive. If a solid, powdered plasticizing agent is used, it can be applied by means of conventional powder coating techniques. Solid, powdered plasticizing agents can be prepared using mechanical techniques such as cryo-grinding or hammer milling. The powder coating is then typically exposed to sufficient heat to melt the plasticizing agent, allowing it to absorb into and modify the Tg and shear storage modulus of the latent, over-tackified, adhesive to form a pressure sensitive adhesive material. The heat source can be diffuse so to activate broad areas of the latent, over-tackified, adhesive or focused to activate on discrete, predetermined portions thereof. --

Remarks

The amendments to the specification were made to correct typographical errors and add the cross-reference to a related application. None of these amendments add any new matter.